

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
 Data File : BF083980.D
 Acq On : 20 Dec 2015 5:27
 Operator : UM/SJ
 Sample : G4851-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-6

Quant Time: Dec 20 07:25:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

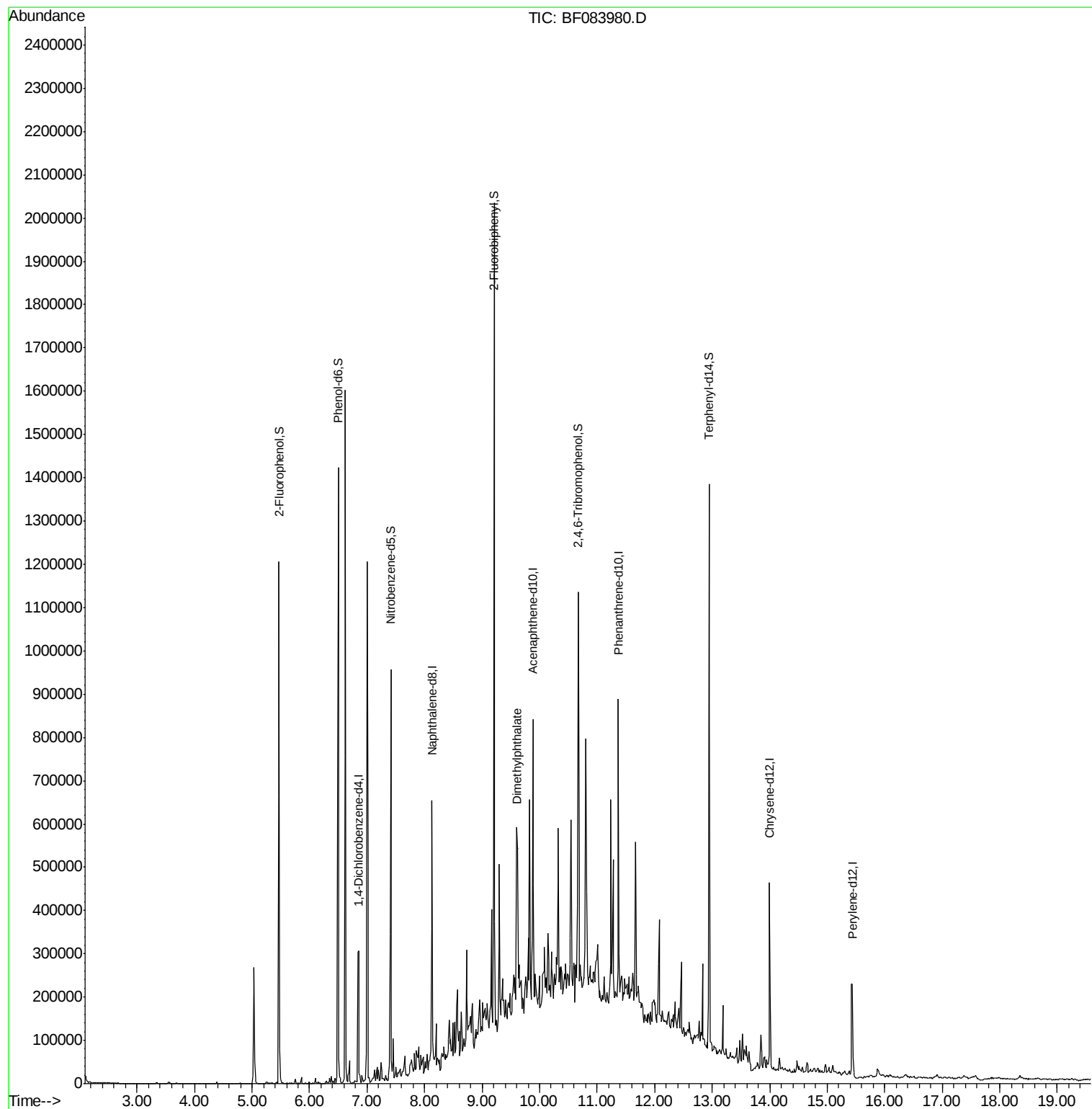
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	71526	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	254206	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	134103	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	234908	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	158800	20.00	ng	-0.03
86) Perylene-d12	15.44	264	125040	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	407603	89.18	ng	-0.01
7) Phenol-d6	6.50	99	583027	104.22	ng	-0.01
23) Nitrobenzene-d5	7.41	82	319579	71.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	120055	81.26	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	575747	57.24	ng	-0.03
78) Terphenyl-d14	12.94	244	491223	71.31	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.61	163	139696	12.41	ng	Qvalue # 92

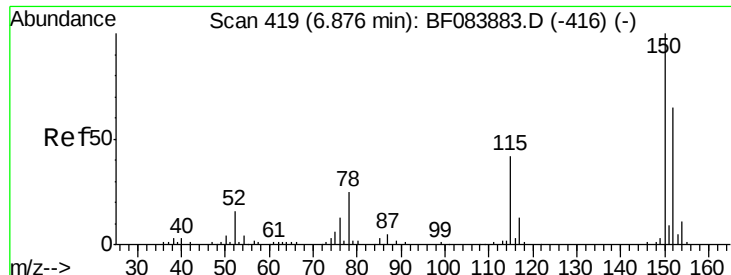
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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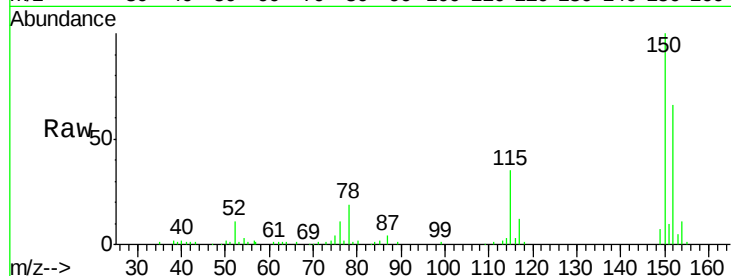




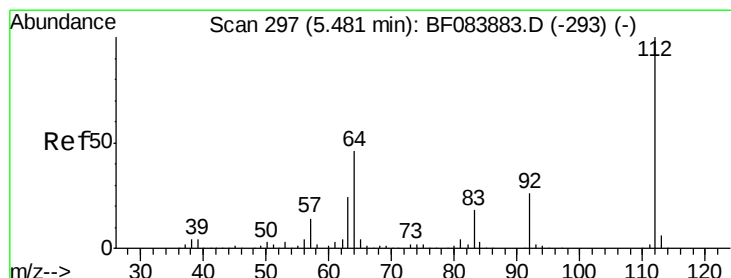
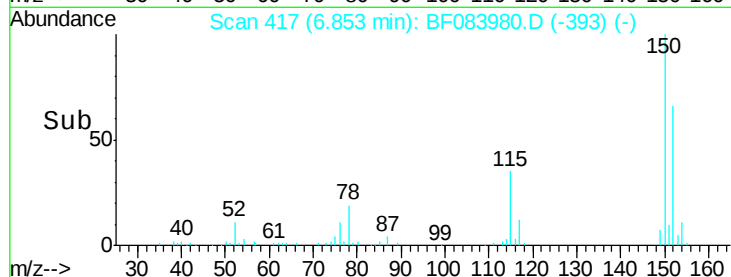
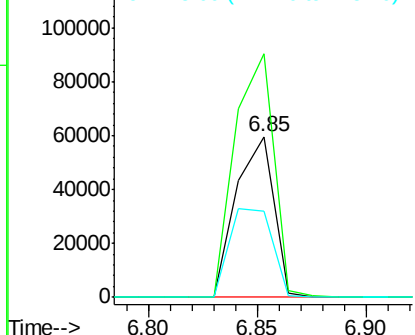
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF083980.D
 Acq: 20 Dec 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 UST-6

Tot Ion:152 Resp: 71526
 Ion Ratio Lower Upper
 152 100
 150 151.5 123.0 184.4
 115 53.2 51.4 77.2

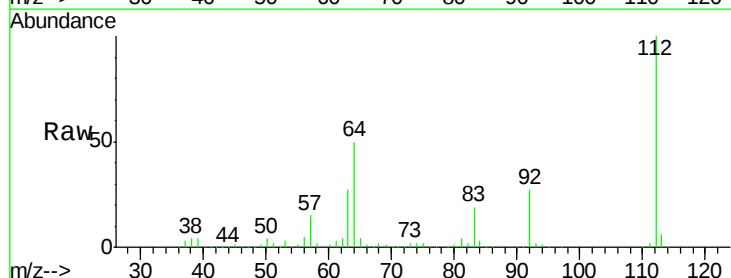


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

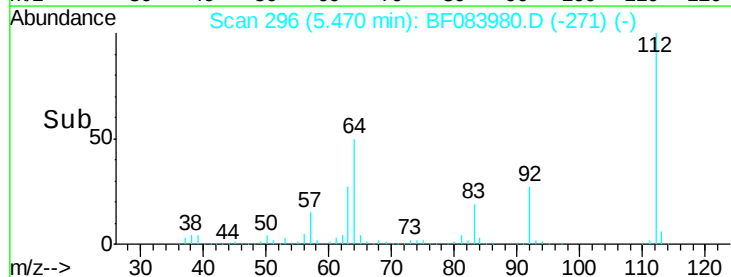
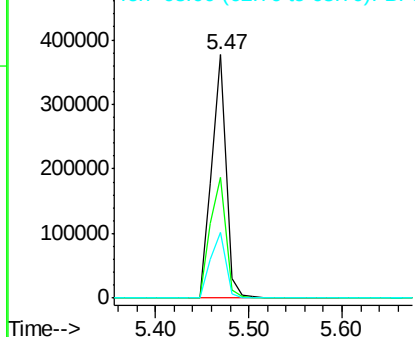


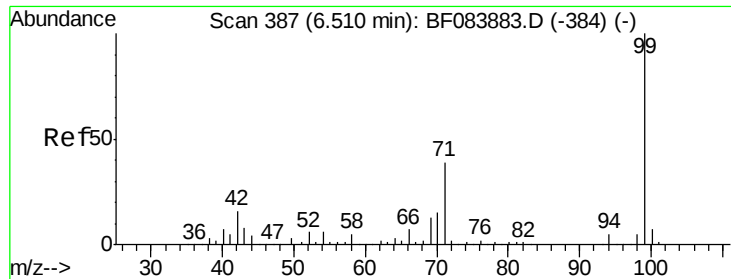
#5
 2-Fluorophenol
 Concen: 89.18 ng
 RT: 5.47 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: BF083980.D
 Acq: 20 Dec 2015 5:27

Tgt Ion:112 Resp: 407603
 Ion Ratio Lower Upper
 112 100
 64 49.9 36.6 55.0
 63 27.0 19.4 29.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.22 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083980.D

Acq: 20 Dec 2015 5:27

Instrument :

BNA_F

ClientSampleId :

UST-6

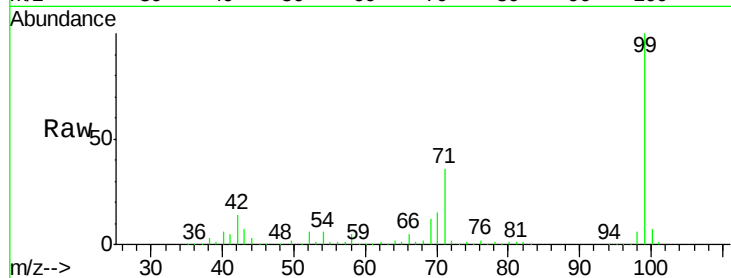
Tot Ion: 99 Resp: 583027

Ion Ratio Lower Upper

99 100

42 14.1 12.8 19.2

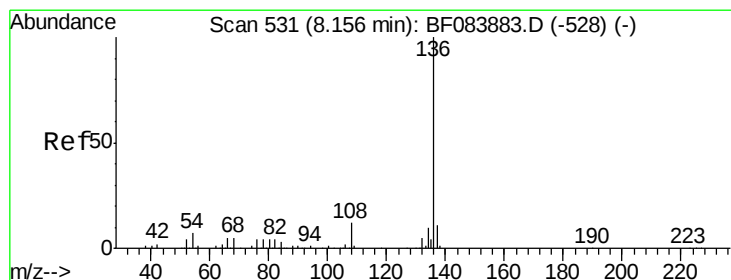
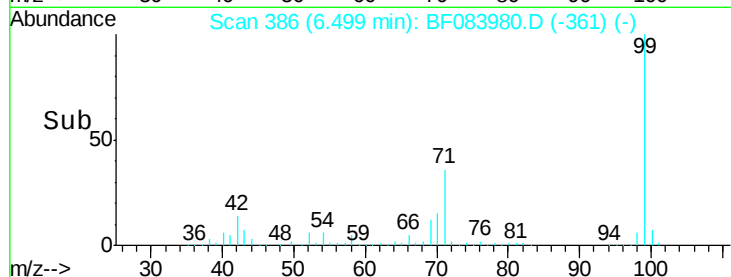
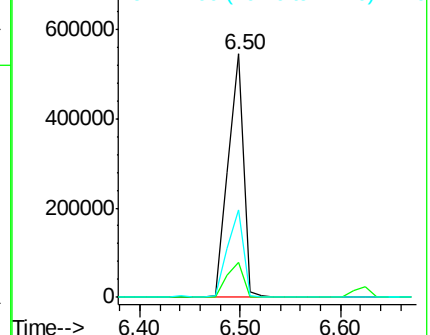
71 36.2 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF083980.D

Acq: 20 Dec 2015 5:27

Tgt Ion: 136 Resp: 254206

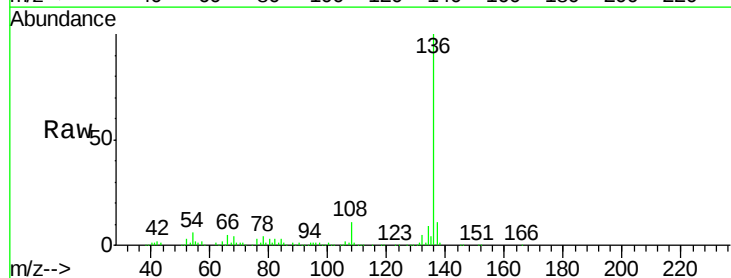
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 5.7 5.8 8.8#

68 4.4 4.2 6.2

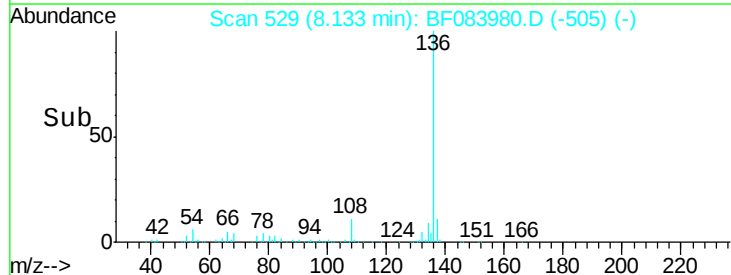
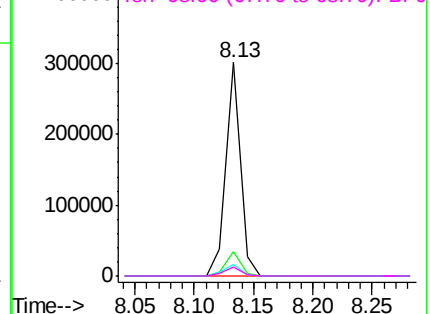


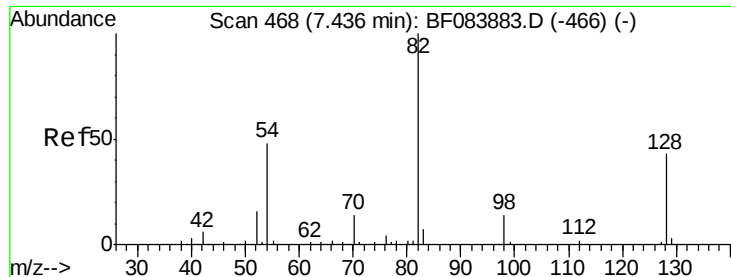
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

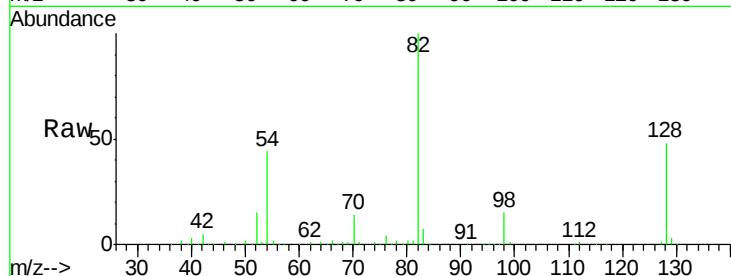




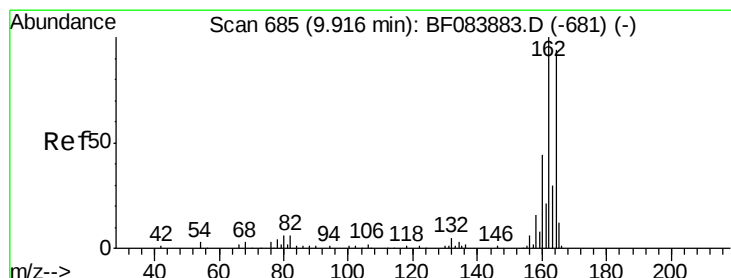
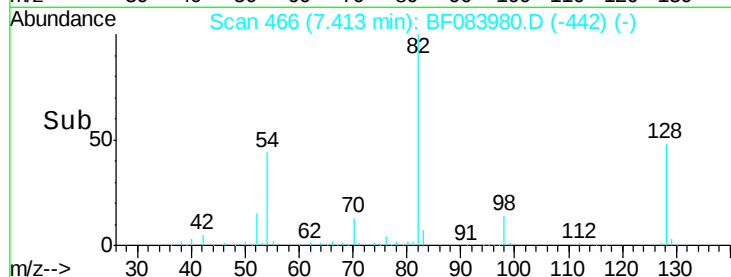
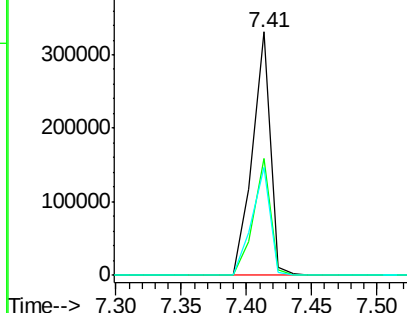
#23
 Nitrobenzene-d5
 Concen: 71.75 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF083980.D
 Acq: 20 Dec 2015 5:27

Instrument :
 BNA_F
 ClientSampled :
 UST-6

Tot Ion	82	Resp	319579
Ion Ratio	100	Lower	Upper
128	48.1	34.6	51.8
54	44.3	38.4	57.6

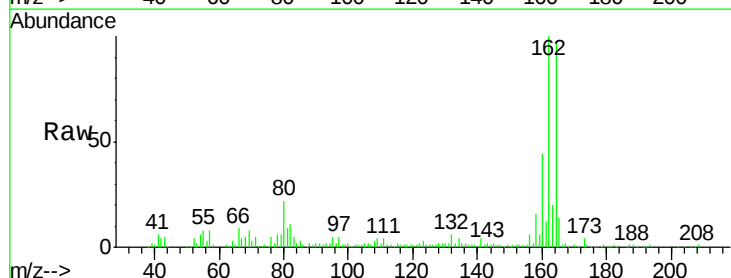


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

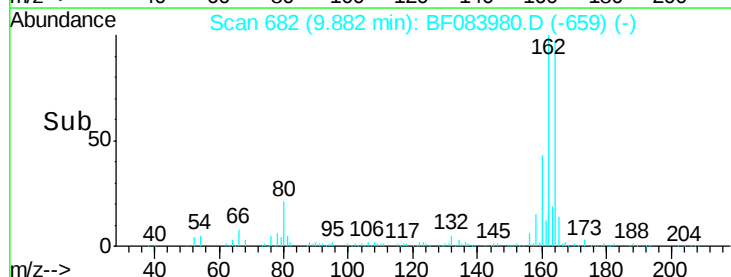
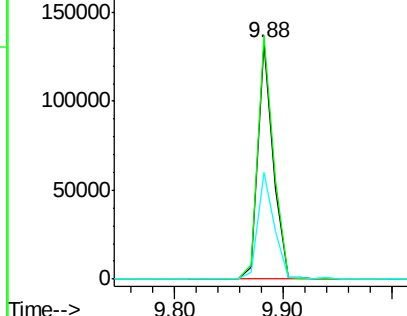


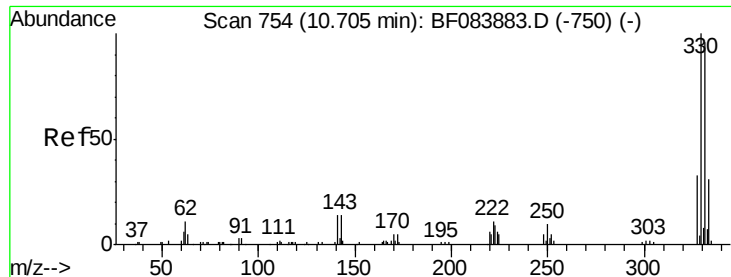
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.03 min
 Lab File: BF083980.D
 Acq: 20 Dec 2015 5:27

Tgt Ion	164	Resp	134103
Ion Ratio	100	Lower	Upper
162	103.0	85.1	127.7
160	45.2	37.5	56.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

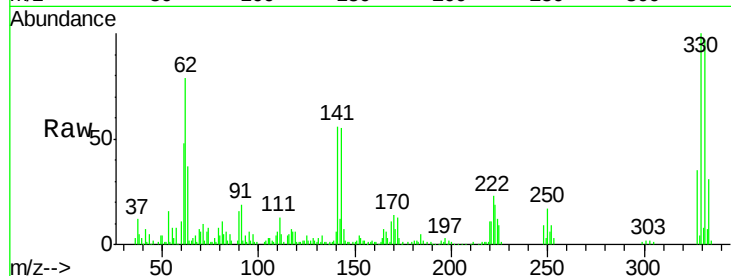




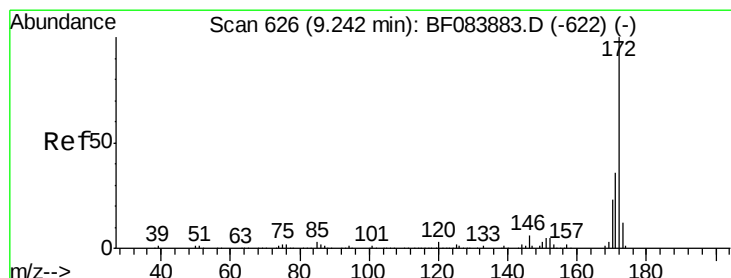
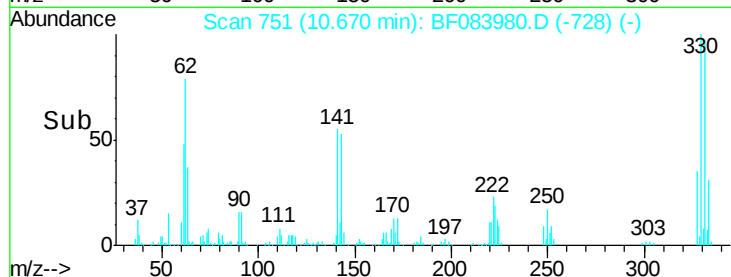
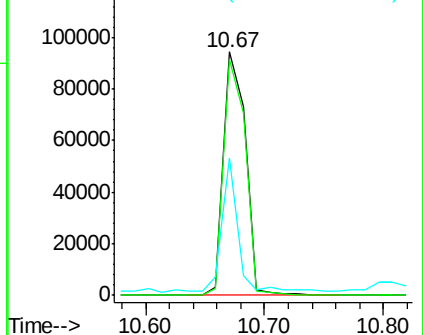
#41
 2,4,6-Tribromophenol
 Concen: 81.26 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF083980.D
 Acq: 20 Dec 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 UST-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	38.5	27.8	41.6

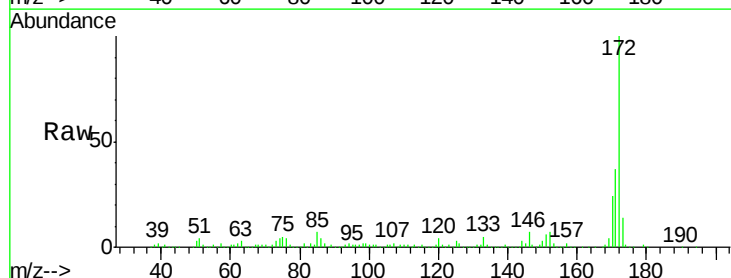


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

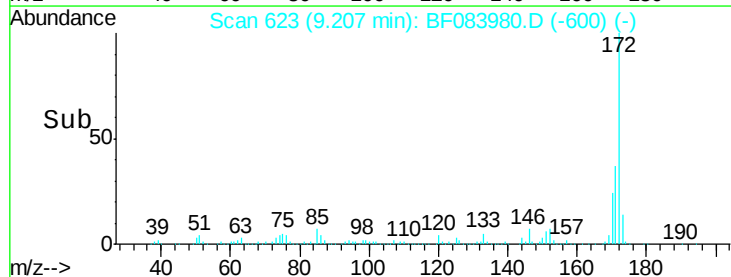
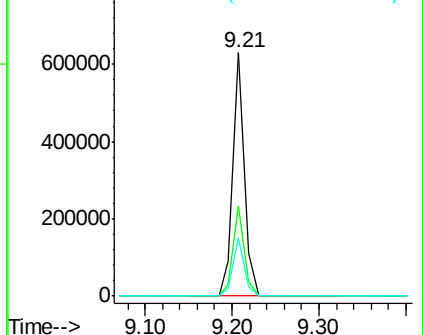


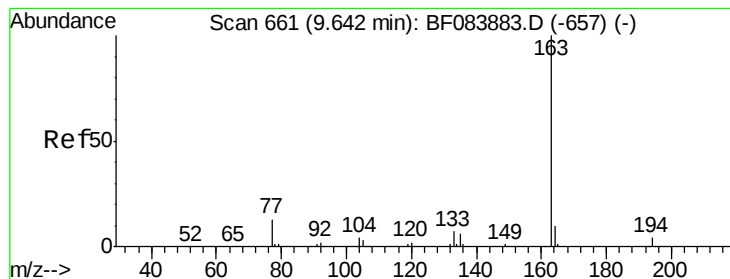
#44
 2-Fluorobiphenyl
 Concen: 57.24 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083980.D
 Acq: 20 Dec 2015 5:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	23.9	18.6	27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 12.41 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.03 min

Lab File: BF083980.D

Acq: 20 Dec 2015 5:27

Instrument :

BNA_F

ClientSampleId :

UST-6

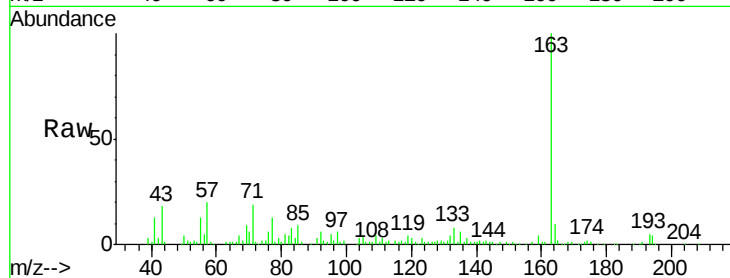
Tot Ion:163 Resp: 139696

Ion Ratio Lower Upper

163 100

194 4.5 8.0 12.0#

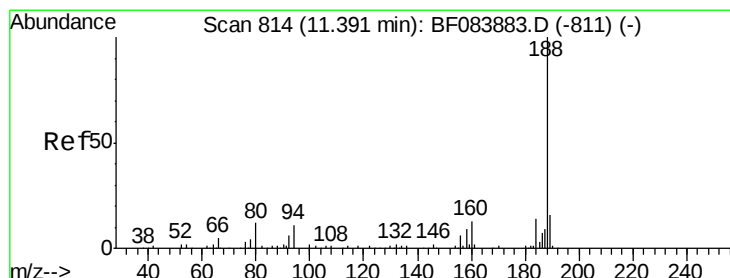
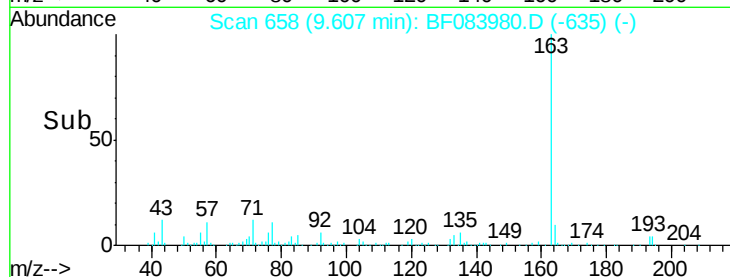
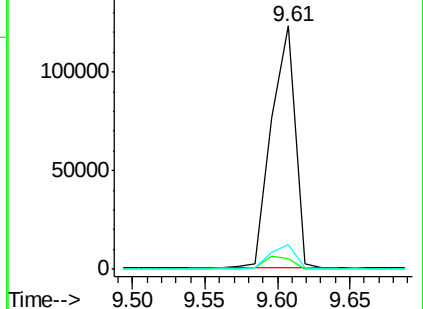
164 10.0 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF083980.D

Acq: 20 Dec 2015 5:27

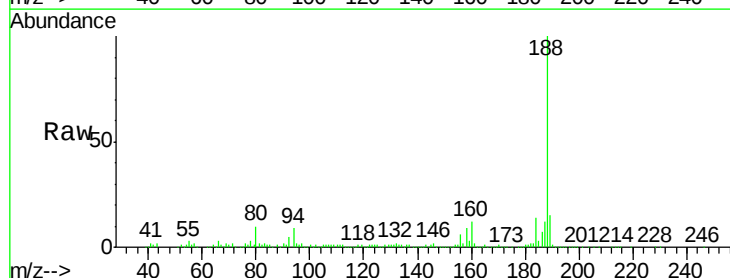
Tgt Ion:188 Resp: 234908

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.4#

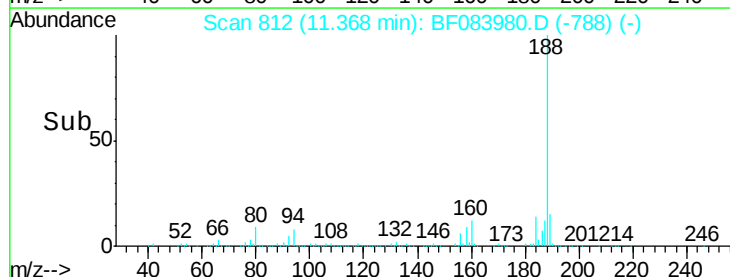
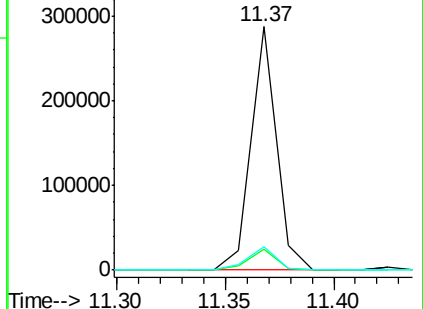
80 9.7 9.6 14.4

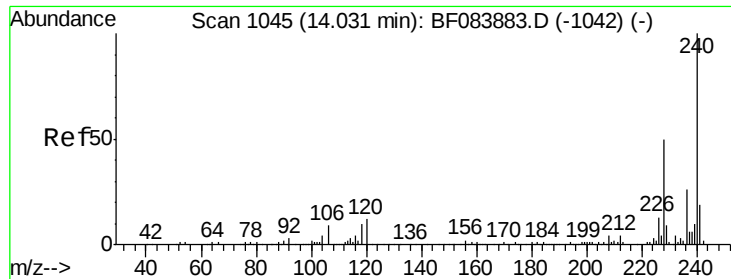


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

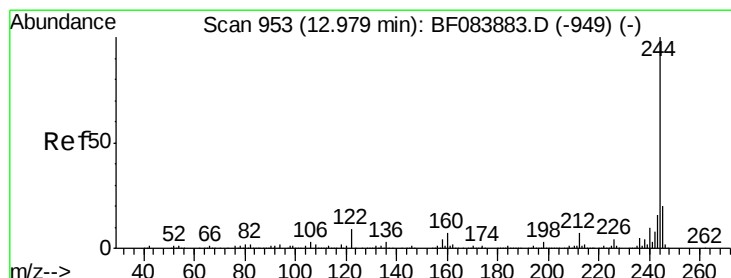
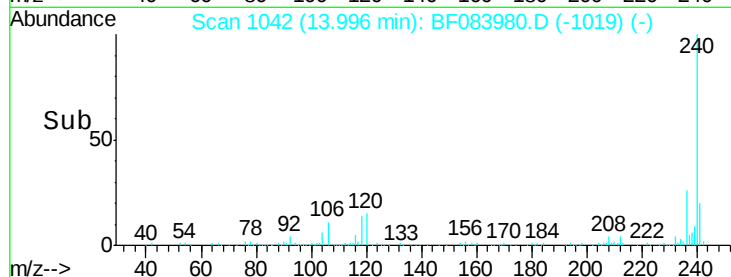
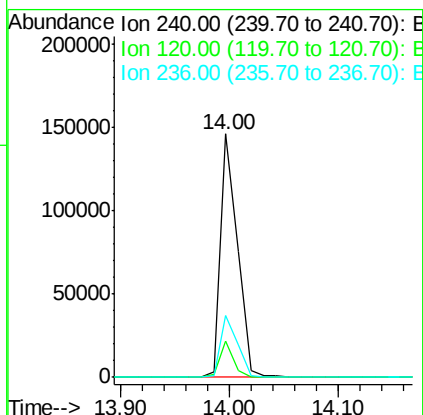
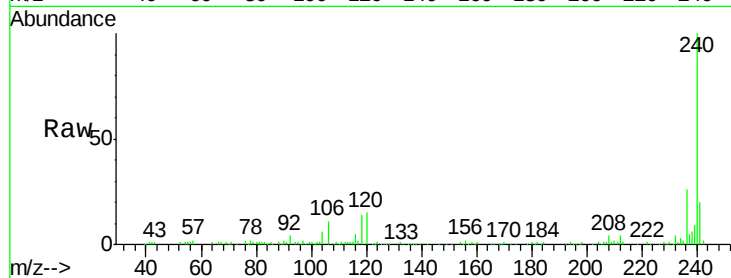




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.03 min
 Lab File: BF083980.D
 Acq: 20 Dec 2015 5:27

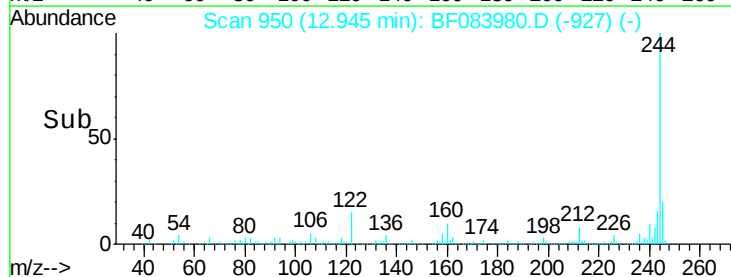
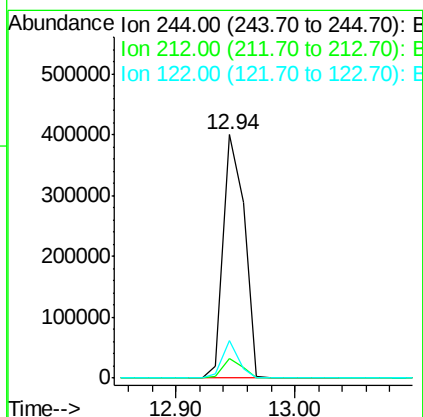
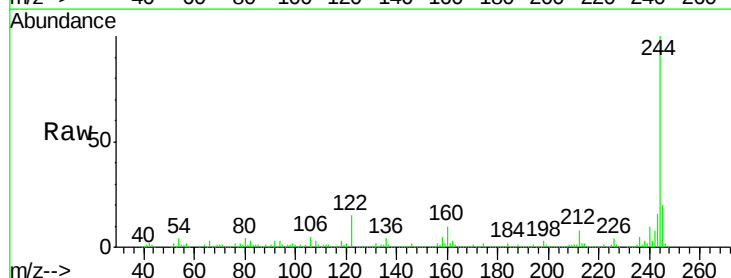
Instrument :
 BNA_F
 ClientSampleId :
 UST-6

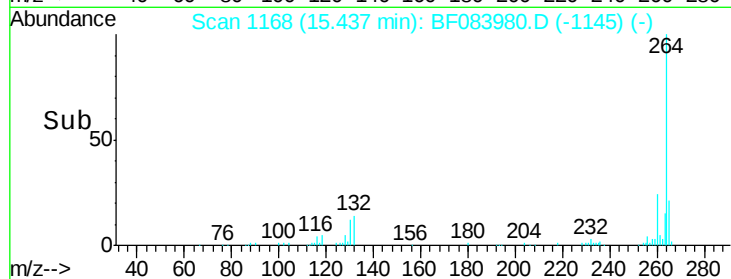
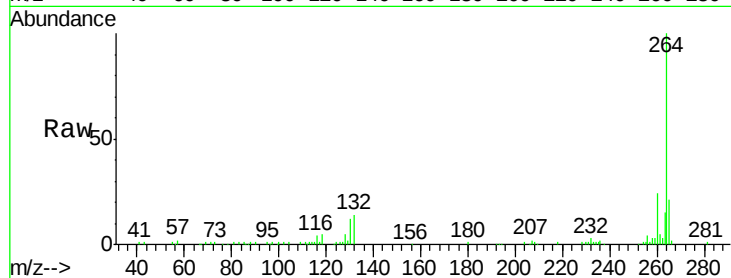
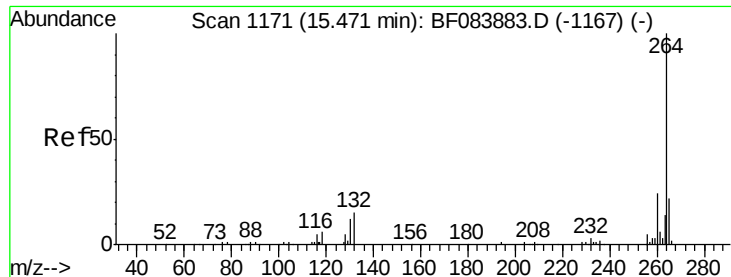
Tot Ion:240 Resp: 158800
 Ion Ratio Lower Upper
 240 100
 120 14.8 9.5 14.3#
 236 25.6 20.6 31.0



#78
 Terphenyl-d14
 Concen: 71.31 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.03 min
 Lab File: BF083980.D
 Acq: 20 Dec 2015 5:27

Tgt Ion:244 Resp: 491223
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 15.5 7.4 11.0#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.03 min

Lab File: BF083980.D

Acq: 20 Dec 2015 5:27

Instrument :

BNA_F

ClientSampleId :

UST-6

Tot Ion:264 Resp: 125040

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.2 17.8 26.6

